APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVELSTEYN, G. S.

"Karelia: Main Features of Economic Geography"

report to be submitted for the Intl. Geographical Union, 10th General Assembly and 19th Intl. Geographical Congress, Stockholm, Sweden, 6-13 August 1960.

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BIRKENGOF, A.L., dots.; DARINSKIY, A.V., dots.; KOBYAKOV, S.G., dots.; NEVEL'SHTEYN, G.S., dots.; SOKOLOV, N.N., prof.; PETROV, V.V., prof.; MARCHENKO, A.I., dots.; KAMINSKIY, S.F., dots.; MINKEYEV, V.V., dots.; BOBOK, V.D., dots.; GOLOVANOV, S.S., red.; VISHNYA, L.P., red.; ONOSHKO, N.G., tekhn. red.

[Leningrad Province; nature and economy] Leningradskaia oblast'; priroda i khoziaistvo. [Leningrad] Lenizdat, 1958. 343 p. (MIRA 11:12)

1. Predsedatel' Leningradskoy oblastnoy planovoy komissii (for Golovanov).
(Leningrad Province--Economic conditions)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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AL'TMAN, L.P.; NEVEL'SHTEYN, G.S.; KONSTANTINOV, O.A., doktor geogr. nauk, prof., otv. red.; GOMOZOVA, N.A., red.; KUZNETSOV, N.S., red. kart; BAZANOVA, A.A., tekhn. red.

[Petrozavodsk, the capital of the Karelo-Finnish S.S.R.]Petrozavodsk, stolitsa Karelo-Finskoi SSR. Moskva, Gos.izd-vo geogr. lit-ry, 1951. 47 p. (MIRA 16:1)
(Petrozavodsk)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVELOS, J.

Experiences of the heating plant of the Csepel Automobile Factory with introducing the Kovalev method. p. 390.
Report on the Exhibition of Plastic Materials in the German Democratic Republic. p. 393.
Memorandum on the National Industrial Conference to be held in September. p. 395.
Vol 8, no. 10, Oct. 1955. MAGYAR ENERGIAGAZDASAG, Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

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NEVELICHUK, V.V.

Effect of isoverine on the conditioned reflex activity of white rats. Farm. i toks. 25 no.1:16-19 Ja-F '62. (MIRA 15:4)

1. Kafedra farmakologii (zav. - prof. A.A. Gavrilyuk) L'vovskogo gosudarstvennogo meditsinskogo instituta.
(CONDITIONED RESPONSE) (PENTANEDIAMINE)

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NEVELICHUK, V.V.

Effect of isoverine on the neuromuscular synapses of the skeletal muscle. Farm. toks. 24 no.3:325-327 My-Je '61. (MIRA 15:1)

1. Kafedra farmakologii (zav. - prof. A.A.Gavrilyuk) L'vovskogo gosudarstvennogo meditsinskogo instituta.
(PENTANEDIAMINE--PHYSIOLOGICAL EFFECT)
(MUSCLE--INNERVATION)

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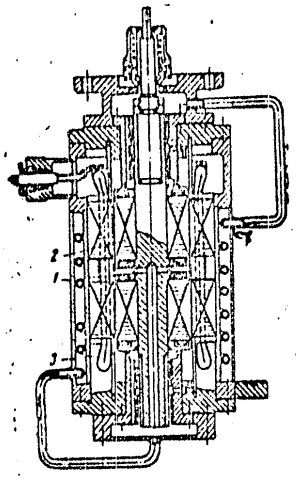
APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

ACC NR: AP7000364



1—impeller; 2—rotor blocks; 3—thrust collars

SUB CODE: 13/ SUBM DATE: 23Jan64

Card 2/2

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

ACC NR: AP7000364 SOURCE CODE: UR/0413/66/000/022/0136/0136

INVENTOR: Vasil'tsov, E. A.; Voronin, N. I.; Losik, V. I.; Nevelich, V. V.

ORG: None

TITLE: A hermetically sealed electric drive. Class 47, No. 188799 [announced by the Leningrad affiliate of the All-Union Scientific Research and Design Institute of Chemical Machine Building (Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i konstruktorskogo instituta khimicheskogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 136

TOPIC TAGS: centrifugal pump, electric equipment, drive train, HERMETIC SEAL

ABSTRACT: This Author's Certificate introduces a hermetically sealed electric drive containing a housing with bearings, a stator with shielded casing, a rotor and a pump on the rotor shaft for self-contained lubrication of the journal bearings. To reduce hydraulic losses, improve the resistance of the electric drive to vibrations and eliminate the harmful effect of axial forces, the impeller of the centrifugal pump is mounted without play inside the rotor between its blocks. The end surfaces of the rotor are equipped on both sides with thrust collars supported by the bearings.

Card 1/2

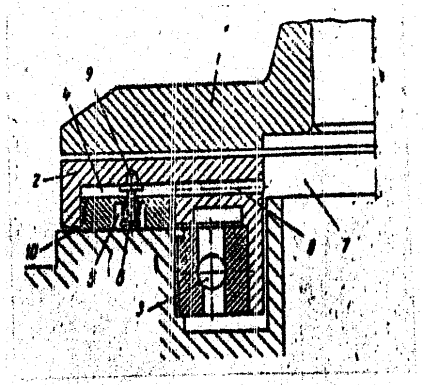
UDC: 621.313.29-233.2-752.7

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

L 23878-66
ACC NR: AP6009928

the upper section of a groove in the lower ring.



1--upper ring; 2--lower ring; 3--roller bearing; 4--chamber for the working fluid; 5--internal grooves; 6--channel; 7--chamber; 8--spring-return piston; 9--rod; 10--stationary surface.

SUB CODE: 13/ SUBM DATE: 29Dec63/ ORIG REF: 000/ OTH REF: 000

Card 2/2 dda

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

L 23878-66 EWT(m)/T/EWG(m)-6 WW/DJ
ACC NR: AP6009928 SOURCE CODE: UR/0413/66/000/004/0121/0122

AUTHOR: Losik, V. I.; Rizhamadze, G. V.; Nevelich, V. V.; Vasil'tsov, E. A.; Voronin, N. I. 39 B

ORG: none

TITLE: A combination ball-hydrostatic thrust bearing.[13] Class 47, No. 179135 [announced by Leningrad Branch, All-Union Scientific Research and Design Institute of Chemical Machine Building (Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 121-122

TOPIC TAGS: antifriction bearing, ball bearing

ABSTRACT: This Author's Certificate introduces: 1. A combination ball-hydrostatic thrust bearing with upper and lower rings. The lower ring has a chamber for the working fluid and is supported by a roller bearing. In order to improve working conditions and relieve the bearing during operation, the lower ring has internal grooves which form additional chambers connected by channels with the chamber for the working fluid. Inside these grooves are elastic elements fastened to the ring. 2. A modification of this bearing in which the elastic element is made in the form of a spring-return piston. Sliding freely in this piston is a rod which is rigidly fastened in

UDC: 621.822.2—219

Card 1/2

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LAVRINOVICH, Ye.V., kand.tekhn.nauk; NEVELEVA, M.Ye., inzh.; SAVITSKAYA, V.V., inzh.

Using glues for making the joints of precast reinforced concrete elements of hydraulic structures. Gidr. stroi. 32 no.8:32-36 Ag '62. (MIRA 15:9)
(Glues) (Precast concrete construction)
(Hydraulic structures)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVELEV, I.M., inzh.; SEREBRIYSKIY, A.S., inzh.

A composite regulator with an electro-hydraulic system for control of rotations. Teplovoz.i sud.dvig. no.3:184-205 '62.
(MIRA 16:2)

(Diesel locomotives—Hydraulic equipment)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

KEVEL, A.P.

Streptomycin treatment for gonorrhea in women. Vest.ven. i derm. no.3:58 My-Je '56. (MLRA 9:9)

1. Iz Odesskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta imeni Ye.S.Glavche.
(GONORRHEA) (STREPTOMYCIN)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

RAYKO, V.V., nauchnyy sotrudnik; NIKBERG, I.M., nauchnyy sotrudnik; KHODAK, A.N., nauchnyy sotrudnik; NEVEDUSHCHIY, A.I., nauchnyy sotrudnik; VOLKOV, Ya.R., nauchnyy sotrudnik; PEYCHEV, G.P., otv. red.; IPATOV, P.P., red.; SHULYATSKIY, D.M., red.; BURKSER, L.D., red.; BALASEVICH, Yu.Yu., red.; SVETCHENKO, V.N., red.; KRYLOVSKIY, A.P., red.; SINYAVSKAYA, Ye.K., red.izd-va; ANDREYEV, S.P., tekhn.red.

[Regulations for operating the mechanical equipment of rolling mills] Pravila tekhnicheskoi ekspluatatsii mekhanicheskogo oborudovaniia prokatnykh tsekhov. Khar'kov, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 247 p. (MIRA 12:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii proizvodstva i truda chernoy metallurgii. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii proizvodstva i truda chernoy metallurgii (VNIIOChERMET) (for Rayko, Nikberg, Khodak, Nevedushchiy, Volkov). 3. Otdel glavnogo mekhanika byvshego Ministerstva chernoy metallurgii SSSR (for Ipatov, Shulyatskiy). 4. Zavod imeni Dzerzhinskogo (for Burkser, Balasevich). 5. Zavod imeni Kirova (for Svetchenko). 6. Zavod imeni Voroshilova (for Krylovskiy).
(Rolling mills--Equipment and supplies)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

RAYKO, V.V., nauchnyy sotrudnik,; VOLKOV, Ya.R., nauchnyy sotrudnik,; NEVEDUYUSHCHIY, A.I., nauchnyy sotrudnik,; IPATOV, P.P., inzh., red.; SHULYATSKIY, D.I., inzh., red.; VORODIMOV, M.I., inzh., red.; ANDREYEV, S.P., tekhn. red.

[Instructions for the operation of the mechanical equipment of open-hearth shops] Pravila tekhnicheskoi ekspluatatsii mekhanicheskogo oborudovaniia martenovskikh tsekhov. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1957. 112 p. (MIRA 11:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skii institut organizatsii proizvodstva i truda chernoy metallurgii (for Rayko, Volkov, Neveduyushchiy). 2. Ministerstvo chernoy metallurgii (for Ipatov, Shulyatskiy). 3. Zavod "Zaporozhstal'" (for Vorodimov).
(Open-hearth process)

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ILLEGIBLE

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVMEDUYUSHCHIY, A.I., inzhener.

The use of graphitized steel for friction joints. Stal' no.3: 273 '47. (MLRA 9:1)

1.Orgchermet.

(Bearings (Machinery))

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVEDROV, V.I. [Nev'edrov, V.I.]

Sugar industry of the Ukraine at the start of the [illegible] five-year plan. Khar. prom. no.1:5-7 Ja-Mr '65. [illegible]

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

GOLOVNYAK, Yu.D, [Holovniak, IU.D.]; NEVEDROV, V.I. [Nev'odrov, V.I.]; TERESHIN, B.M.

Dry method of kieselguhr production and its use in the food industry. Khar.prom. no.3:83-87 Jl-S '62. (MIRA 15:8)
(Diatomaceous earth)
(Food industry--Equipment and supplies)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVEDROV, V.

SANOV, N.; NEVEDROV, V.

Improvement of slag removal. Sakh.prom. 29 no.4:27-29 '55.
(MLRA 8:9)

1. Kiyevskiy sakhsveklotrest
(Furnaces)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

FISHMAN, M.A.; KLIMENKO, V.L.; NEVEDROV, K.Ya.

Automatic quality control of zinc electrolytes. TSvet.met. 36 no.2:30-32 F '63. (MIRA 16:2)
(Zinc--Electrometallurgy) (Electrolytes)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

KROLEVETS, T.S., vrach; NEVEDROV, F.I., podpolkovnik med.sluzhby

Diagnostic value of arthropneumography in meniscal injury. Sbor.nauch.trud.Kiev.okruzh.voen.gosp. no.4:69-73 '62. (MIRA 16:5)

(KNEE--RADIOGRAPHY)

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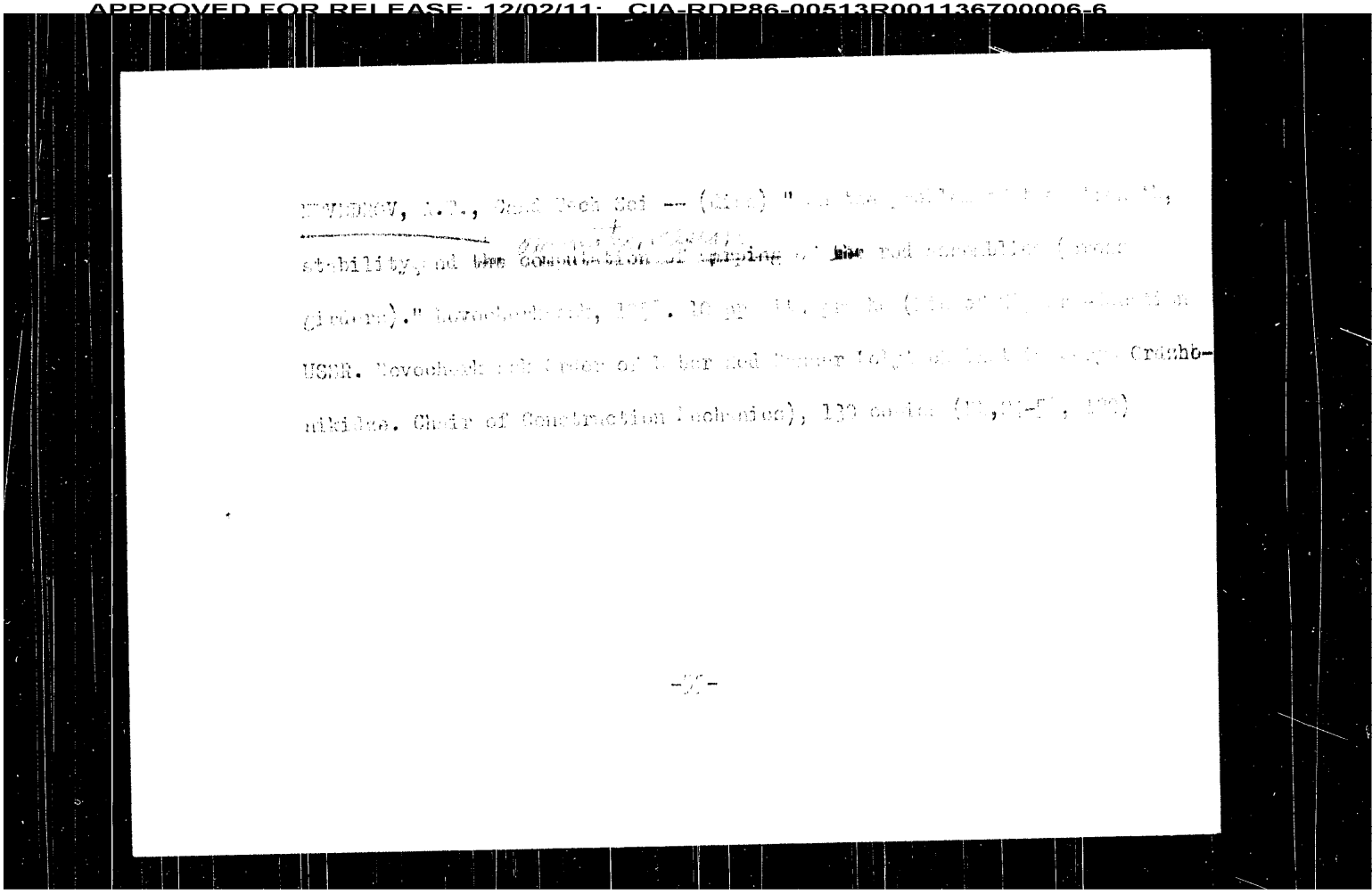

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SOV/124-58-10-11689

Translation from: Referativnyy zhurnal. Mekhanika, 1958, Nr 10, p 138 (USSR)

AUTHOR: Nedrov, A. T.

TITLE: Problem of Deformational Calculation and Stability of Rod Assemblies (K voprosu o deformatsionnom raschete i ustoychivosti sterzhnevykh sistem)

PERIODICAL: Tr. Nauch. ochered. zasedaniya in-ta, 1957, Vol 70/84, pp 121-133

ABSTRACT: A system of intersecting beams is calculated by the slope deflection method. The beams can have stepped cross sections and may be loaded transversally and longitudinally. The calculation is conducted by a mixed method. The basic system of the slope deflection method is taken in the form of combined compressed-flexed continuous beams on rigid supports. In drawing up the canonical equations the method of the fixed point relationships is employed. The evaluation of buckling loads is facilitated by the application of graphs. Calculations made according to nondeformed schematic are compared with those performed according to the slope deflection schematic. Advantages of the mixed method are demonstrated as compared to the method of forces or the method of slope deflections.

Ye. D. Kopeykin

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MITKALINNYY, V.I., kand.tekhn.nauk; MOLCHANOV, N.G., kand.tekhn.nauk;
Prinimali uchastiye: NEVEDOMSKAYA, I.N.; SHKOL'NIKOV, Yu.M.;
VOLVENKIN, V.K.; RAYSKIY, R.N.; BELEN'KIY, A.M.; SKOBEL'TSIN,
S.S.; FEY GZHU-MIN; CHAHAO TIN'-YUAN'

Improvement of bell-type furnaces for bright annealing. Stal'
22 no.4:365-367 Ap '62. (MIRA 15:5)

1. Moskovskiy institut stali.
(Furnaces, Heat-treating) (Annealing of metals)

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GLINKOV, M.A.; REKHTMAN, A.Ya.; NEVEDOMSKAYA, I.N.

Gas flow and pressure distribution in multichamber holding furnaces. Stal' 22 no.1:82-86 Ja '62. (MIRA 14:12)

1. Moskovskiy institut stali.
(Furnaces, Heating)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

SOV/137-58-10-20869

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 74 (USSR)

AUTHORS: Vashchenko, A.I., Nevedomskaya, I.N.

TITLE: A New Ejection Burner for a Soaking Pit, With Fuel Delivery From the Center of the Bottom (Novaya ezhektsionnaya gorelka dlya kolodtsa s podachey topliva iz tsentra podiny)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chernaya metallurgiya, 1958, Nr 2, pp 93-98

ABSTRACT: A new design for a type of annular ejector, providing a shorter flame and greater ejection capacity, is provided. Employment of a burner of this type makes it possible to increase the heightwise uniformity of the heating of the billets and to reduce air leakage in recuperators.

V.T.

1. Metals--Heating 2. Industrial plants--Equipment 3. Waters--Design

Card 1/1

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

SOV/137-57-11-20687D

Translation from: Referativnyy zhurnal, Metallurgiya, 1957 Nr 11, p 36 (USSR)

AUTHOR: Nevedomskaya, L. N.

TITLE: An Investigation of Present and New Soaking pit Designs by Means of Models (Issledovaniye na modelyakh nagrevatel'nykh kolodtsev sushchestvuyushchikh i novykh konstruktsiy)

ABSTRACT: Bibliographic entry on the Author's dissertation for the degree of Candidate of Technical Sciences presented to the Mosk. in-t stali (Moscow Steel Institute). Moscow, 1957

ASSOCIATION: Mosk. in-t stali (Moscow Steel Institute), Moscow

Card 1/1

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVEDOMSKAYA, I.N., inzhener.

Some problems in the performance of soaking pits. Sbor. inst. stali no.35:339-349 '56. (MLRA 10:8)

1. Kafedra metallurgicheskikh pechey.
(Steel ingots)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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85005

Study of Optical Properties of Some Piezoelectric Crystals

S/048/60/024/010/014/033
B013/B063

from January 25 to 30, 1960. There are 3 figures and 7 references: 3 Soviet.

ASSOCIATION: Moskovskiy gos. universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov) VNIIFTRI

Card 3/3

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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transition in ammonium sulfate crystals. The authors believe that the coloration of specimens, which proceeds from the corners toward the center, reflects the transformation process from the paramagnetic phase into a piezoelectric one. Below the transition point the crystal is cleft on the plane of cleavage. The authors succeeded in following the dynamics of this process. At the interface between two phases considerable inner stresses appear in crystals, the consequence of which is a crystal cleavage. Fig. 3 shows the temperature dependence of birefringence Δn for the b-cut of $(NH_4)_2BeF_4$ crystals in the temperature range from +20° to -130°C. At -90°C birefringence was found to attain a marked maximum. This can also not be brought in connection with the change of the geometrical dimensions of the specimens due to thermal expansion. The domain structure remains invisible even when strong transversal electric fields are applied. Optical observations confirm the results of dielectric and calorimetric measurements, according to which there occurs a transition of first order in ammonium sulfate, and a transition of second order in ammonium fluoroberyllate, or thereabouts. The present paper was read at the Third Conference on Piezoelectricity, which took place in Moscow

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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85005

S/048/60/024/010/014/033
B013/B063

AUTHORS: Koptsik, V. A., Strukov, B. A., and Nevedomskaya, I. K.

TITLE: Study of Optical Properties of Some Piezoelectric Crystals

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960, Vol. 24, No. 10, pp. 1231-1233

TEXT: The authors studied the temperature dependences of birefringence in piezoelectric ammonium sulfate-$(NH_4)_2SO_4$ and ammonium fluoroberyllate crystals $(NH_4)_2BeF_4$. The scheme of a complete apparatus for crystallographic measurements is given in Fig. 1. The apparatus was constructed after blueprints supplied by the designers of the universal microscope stage (Ref. 6). In the practice, it permits an arbitrarily rapid heating or cooling of the specimen and a stabilization of temperature. The temperature course of birefringence for the c-cut of the $(NH_4)_2SO_4$ crystal is shown in Fig. 2. The marked change of the quantity Δn in the transition point makes it possible to observe optically the course of the phase

Card 1/3

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

SMIRNOV, P.A.; LOBANOV, V.I.; MIKHAYLOV, P.M.; NEVEDOMSKAYA, A.V.

Wetting raw materials in flax and hemp mills. Tekst.prom.16 no.4:
20-22 Ap '56. (Hemp) (Flax) (MLRA 9:7)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVEDCHERYA, V.L.

Seasonal freezing of soils in the taiga regions of Western Siberia. Izv. SO AN SSSR no. 10. Ser. tekh. nauk no. 3: 130-133 '65 (MIRA 19:1)

Calculating the prewinter humidity of soils in southwestern Siberia. Ibid.:134-139 '65

L. Sibirskiy nauchno-issledovatel'skiy institut energetiki, Novosibirsk. Submitted January 25, 1965.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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NEVECERAL, Josef, inz.; VELISEK, Antonin

Exhibition "Industrialization and the New Technology in Building in Prague. Poz stavby 11 no.7:401-402 '63.

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NEVECERAL, Josef, ing.

Technical education and specialization of workers in panel production. Poz stavby 11 no.5:254-255 '63.

1. Ministerstvo vystavby.

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NEVDASHEV, V.I.

Some maintenance methods for the 1KT compressor. Elek.i tepl. tiaga 3 no.5:10-11 My '59. (MIRA 12:9)

1. Mashinist-instruktor depo Astrakhan', Privolzhskaya doroga.
(Compressors--Maintenance and repair)
(Diesel locomotives--Maintenance and repair)

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NEVIASHEV, V.I.

Determining breakage points in terminal windings of diesel locomotive traction motors. Elek. i tepl. tiaga 3 no.4:35-36 Ap '59. (MIRA 12:7)

1.Mashinist-instruktor depo Astrakhan', Privolzhskaya doroga.
(Diesel locomotives--Electric equipment)

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NEVDASHEV, V.I., mashinist-instruktor

Examinations for raising grade qualifications of locomotive engineers. Elek. i tepl. tiaga 2 no.9:45 S '58. (MIRA 11:10)

1. Depo Astrakhan', Privolzhskaya doroga.
(Locomotive engineers)
(Railroads--Employees--Education and training)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVDASHEV, V.I.

More about the handbook on eliminating de fects in diesel locomotives.
Elek. i tepl. tiaga 2 no.3:47-48 Mr '58. (MIRA 11:4)

1. Mashinist-instruktor depo Astrakhan' II Privolzhskoy dorogi.
(Diesel locomotives--Maintenance and repair)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

S/058/63/000/001/083/120
A160/A101

AUTHOR: Nevdachina, V. B.

TITLE: The electric conductivity of lead oxide

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1963, 67, abstract 1E462 ("Uch. zap. Leningr. gos. ped. in-ta im. A. I. Gertsena", 1961, 207, 129 - 131)

TEXT: An investigation was carried out of the electric conductivity of pressed and calcined PbO cakes at 750°C. An increase of the electric conductivity at fields exceeding 15 kv/mm is noted for temperatures (T) of > 150°C. The activation energy determined from the relation $\sigma(T)$ for temperatures of > 250°C is 2.5 electron-volts. An addition of 10 weight % of a CuO, Cu_2O, TiO_2, BaO and ZnO admixture, and an addition of NiO, PbJ_2, Bi_2O_3 does not change the electric conductivity. The addition of a CuO admixture leads to the appearance of an increase of the electric conductivity in the strong field even at room temperature.

V. Makedonskiy

[Abstracter's note: Complete translation]

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The Dielectric Constant of Lead Oxide and its Temperature Dependence

a temperature of 400°C the capacitance, calculated according to the charging voltage, is about 10 times greater than at room temperature. In the opinion of the authors, the great rise in capacitance with high temperatures is caused by absorption processes occurring in the sample. The authors established that the difference in potentials, which causes the ballistic thrusts, decreases with a rise in temperature: a sharp drop to a magnitude amounting to some percent of the initial value takes place in the 200° to 300°C interval, but the decrease slows down at higher temperatures. The capacitance calculated according to that low-voltage emf of the polarization which actually causes the ballistic back-thrust, may exceed the value of the effective capacitance by hundreds of times. It was found that the absorption capacitance amounts to a few thousand centimeters at 300°C but to tens of thousands of centimeters at 350°C. The dielectric constants corresponding to these capacitances have magnitudes of the same order. Polarization studies carried out by the self-discharge method, which permits one to single out the various polarization components by means of the variation in the self-discharge time, also showed that in PbO high-voltage polarization changes into low-voltage polarization at high temperatures. The authors conclude that the high capacitance of PbO at high temperatures is due to the low-voltage polarization, the emf of which amounts to, say, 1 to 2 V at 300° to 400°C.

Card 2/2

L. Uvarov

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SOV/58-59-9-20568

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 9, p 145 (USSR)

AUTHORS: Kosman, M.S., Nevdachina, V.B.

TITLE: The Dielectric Constant of Lead Oxide and its Temperature Dependence

PERIODICAL: Uch. zap. Leningr. gos. ped. in-ta im. A I. Gertsena, 1958, Vol 148, pp 77 - 84

ABSTRACT: The capacitance of sintered polycrystalline samples of PbO was studied in the 20° to 400°C temperature range. Measurements were carried out by means of the usual bridge method and the ballistic-galvanometer method. This permitted the determination of the effective, as well as the differential, capacitance of the sample investigated. The bridge measurements were carried out at a frequency of 10^3 c, and the ballistic measurements at a discharging time of $\approx 10^{-12}$ sec. The diagram of the capacitance measurements enabled the authors to determine the total amount of electricity in the polarized sample, as well as the emf of the polarization (the emf was obtained by compensating for the ballistic back-thrust). When PbO is heated up, its capacitance remains invariable up to approximately 200°C, after which it increases slowly at first, then more rapidly. At

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NEVARILOVA, Alena

CZECHOSLOVAKIA

KOLBA, Karel, doc. MUDr. CSc; NEVARILOVA, Alena, MUDr; KUBELOVA, Dagmar, MUDr.

Clinic of Infectious Diseases (Klinika infekcnich nemoci), Prague (for all).

Prague, Prakticky lekar, No 18, 20 September 1965, pp 708-709

"Observations on therapy using daraprim (pyrimethamine)."

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CZECHOSLOVAKIA UDC 616.002.93.192.6-039:(616.89:616.127.002

KOUBA, K.; STAFOVA, J.; NEVARILOVA, A.; FLUSSER, J.; Clinic of Infectious Diseases, Faculty of Gen. Medicine, Charles University (Infekcni Klinika Fak. Vseob. Lek. KU), Prague 8 - Bulovka, Head (Prednosta) Prof Dr J. PROCHAZKA; Internal Department, Hospital (Interni Odd. Nemocnice) Prague 8 - Bulovka, Head (Primar) Dr V. SYMON.

"Acquired Toxoplasmosis Imitating Mental Disorders and Myocarditis."

Prague, Casopis Lekaru Ceskych, Vol 105, No 36-37, 9 Sep 66, pp 982 - 984

Abstract /Authors' English summary modified 7: A case of a 15 year old girl who developed behavior disorders, severe depression, suicidal intentions and cardiac affections is described. Toxoplasmatic etiology was confirmed by a skin test and a rise of the titre of complement-fixing antibodies. After treatment the titre declined and the patient recovered. Toxoplasmatic infection in the etiology of acute, acquired and congenital, mental disorders is discussed. 1 Figure, 12 Western, 6 Czech, 3 Russian references. 1/1 (Ms. rec. Feb 66).

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[illegible], L.

[illegible]

Periodicals: [illegible] Vol. 9, no. 7, 1959. 1 p.

[illegible], L. Elements disturbing the determination of vitamin C in canned products. p. 441.

Monthly List of East European Accessions (EEAI) LC Vol. 59, no. 5
May 1959, Unclass.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

S/081/62/000/010/061/065
B166/B144

AUTHORS: Hlavnička, Jiří, Nevařil, Josef

TITLE: Contribution to the question of evaluating modified oils from the point of view of their action on oil-resistant rubber

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1962, 657, abstract 10I406 (Kaučuk a plast. hmoty, no. 8, 1961, 254-255)

TEXT: The swelling of oil-resistant rubbers in transformer oil containing chlorinated paraffin additives has been studied. The oil resistance of rubber increases with the content of acrylonitrile. Chlorinated paraffins and lowering of the aniline point increase the aggressiveness of oils. With an identical aniline point an oil containing chlorinated paraffins is more aggressive than one without them. [Abstracter's note: Complete translation.]

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEVAR, A.F.

Servicing of electric communication and wire broadcasting systems in rural areas. Vest. sviazi 25 no. 11:17-19 N '65. (MIRA 18:12)

1. Nachal'nik Brestskogo eksploatatsionno-tekhnicheskogo uzla svyazi.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

Nevanlinna, R.

On the theory of the normal systems of ordianry differential equations. In German. p. 423.

REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania. Vol. 2, 1957.

Monthly List of East European Accessions (EEAL) LC. Vol. 9, no. 1, January 196[illegible]. UNCL

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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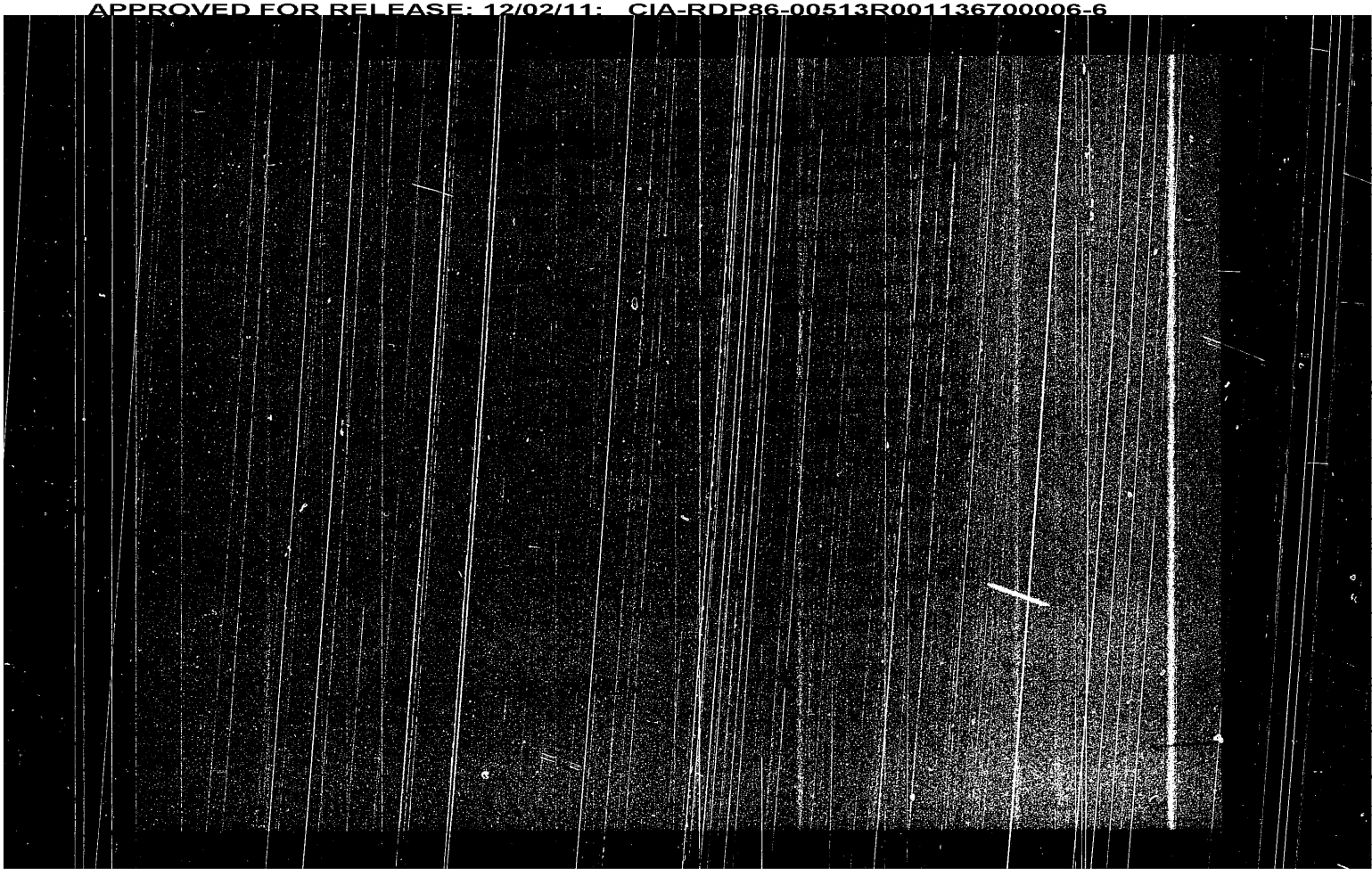

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NEVA, Lotric.

Mental foramen; morphological and topographical study. Srpski arh.celok.lek. 83 no.2:188-196 Feb. '55.

1. Anatomski institut Medicinskog fakulteta u Beogradu, Upravnik: prof. dr Branko Sljivic.
(MANDIBLE, anat. & histol.
mental foramen.)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEV, W.

Atomic electric-power plants with boiling water reactors. p. 148.
Professor Roman Podoski; recollections of his life and works.
p. 158. PRZEGLAD ELEKTROTECHNICZNY, Warszawa. Vol. 32, no. 4,
Apr. 1956.

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

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GABERTSETTEL', A.I.; KREL'SHTEYN, L.M.; NEV, S.B.; RAYNES, L.S.; RYZHIK, Z.M., red.; FOMICHEV, A.G., red. izd-va; GVIRTS, V.L., tekhn. red.

[Preparing rods for welding electrodes by the rolling of high-alloy steel and nonferrous metals] Poluchenie sterzhnei dlia svarochnykh elektrodov prokatkoi iz vysokolegirovannykh stalei i tsvetnykh metallov. Leningrad, 1962. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no.2) (MIRA 15:5)

(Electrodes) (Rolling (Metalwork))

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEV, S.B., inzh.

Profile hot rolling. Energomashinostroenie 5 no.1:35-36 Ja '59. (MIRA 12:2)
(Rolling (Metalwork))

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEUZILOVA, R.

New high-vacuum, high-speed ion pump. Libor Páty and Radmila Neuzilová (Karlova Univ., Prague). *Czechoslov. [illegible]* (in English).—The authors describe the construction and the pumping mechanism of an ion pump of improved pumping speed, which needs less power and is smaller and simpler to construct than the pump described by Foster, Lawrence, and Lofgren (*C.A.* 47, 11819d). A. Kreshkov

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CSCSR/57-59-6-23/30

New Design of a High-Vacuum Ion Pump with a High Pumping Speed

indicates that the part of adsorption on the total pumping effect depends to a great extent on the pressure (see Graph, Figure 2) and that for pressures less than 4×10^{-6} mm Hg the pumping effect is due to transformation and recombination of ions. It can be seen from the Graph, Figure 2, that at higher pressures the role of adsorption predominant while for lower pressures its role is considerably less. The curves for Figure 2 pertain to various magnetic field intensities. Increase of the adsorption effect with increasing intensity of the magnetic field is attributed to the considerable temperature rise of the electrodes and the resultant more favourable conditions for their evaporation. Furthermore, the greatest speed is the correct that transportation of the greatest amount of gases which is a n free p a t h is creates at pressures which are lower than the tube. This is a fact that can be clearly seen from the dimensions of 2 references, 1 of which is Czechoslovakian and 3 figures and

ASSOCIATION: Katedra vysoce frekvence a vakuove techniky na matematicko-fyzikalni fakulte Karlovy university v Praze (Chair of High-frequency and Vacuum Engineering, Mathematico-physics Faculty of Charles University, Prague)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

Nevzlová, R.

AUTHORS: Patý, L. and Nevzlová, R.

TITLE: New Design of a High-vacuum Ion Pump with a High Pumping Speed (Nová konstrukce vysokovakuové iontové výveny se značnou čerpací rychlostí)

PERIODICAL: Československý Časopis Pro Fysiku, 1958, Nr 6, pp 740 - 742 (Czech)

ABSTRACT: The aim of the authors was to design an ion vacuum pump with a pumping speed, power rating and dimensions smaller than the pump described by J.S. Foster et al (Review of Scientific Instruments, 1953, p 388) and also to bring about simplifications in the design; furthermore, the authors aimed at elucidating the nature of the pumping mechanism. The pump described by Foster has a metal discharge tube several metres long. For the purpose of reducing the input vacuum resistance, a part of the solenoid winding is located inside the tube. Its anode voltage is 300-400 V; the input power is 40 kW and the pumping rate is 3 000 - 7 000 litres/sec. The authors attribute the pumping effect to the ion transportation; this explanation was received with reservation by various authors who attributed the pumping effect to adsorption, absorption and chemical sorption effects.

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The discharge tube of the pump described in this paper was made of molybdenum glass, 42 mm dia, 120 cm long (Figure 1). In the middle of the tube, in the plane transverse to its axis, there are three openings which are interconnected by piping. By a suitable arrangement of the solenoid a satisfactory homogeneity of the magnetic field was achieved which is necessary so that the discharge is focused also in the space in the input openings. The high-vacuum space of the pump was separated from both pre-vacuum spaces by two narrow sections so as to prevent reverse diffusion of the molecules between the rim of the anodes and the tube walls. At the ends, the tubes were fitted with cold disc-shaped cathodes made of molybdenum sheet and hot cathodes made of tungsten wire. Pre-vacuum piping, leading to a rotary pump, was fitted to both ends of the discharge tube; at one end, a Penning pressure gauge was fitted; the other Penning pressure gauge was sealed, together with the glass envelope, to the input openings of the ion pump. Measurements were carried out of the following: dependence of the pumping speed on the pressure for various intensities of the magnetic field; optimum magnitude of the intensity of the magnetic field from the point

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of view of the pumping speed and the solenoid loading, dependence of the pumping speed on the pressure for various values of the anode voltage; optimum voltage from the point of view of pumping speed and the influence of the pressure in the input opening on the pumping performance. The pumping speed was evaluated from the drop in pressure measured by the pressure gauge which was connected to the pumping envelope, the pressure drop in the cathode space was measured by the second pressure gauge and from this the pumping speed was calculated by means of measurements. The optimum intensity of the magnetic field and the optimum voltage were determined. The maximum pumping speed was 10 litres/sec, the pump began pumping from a pressure of 1 x 10^{-4} mm Hg and the pumping speed increased until a maximum value was reached at pressures of the order of 10^{-5} mm Hg. The pump also functioned during short-duration separation of the pump from the pre-vacuum pump. The authors attribute this to the absorption effect in the cathode space. It is anticipated that this effect will not suffice for pumping a large quantity of gas. Although this phenomenon seems to indicate that the predominant pumping mechanism is due to adsorption and chemical sorption, a compar-

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ison of the speeds in the pumped space and in the cathode space

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NEMZIL, Vaclav, ing.

A year of activities of the Institute of Coal Mining Machinery in Opava. Uhli 6 no.5:173-175 My '64

1. Institute of Coal Mining Machinery, Opava.

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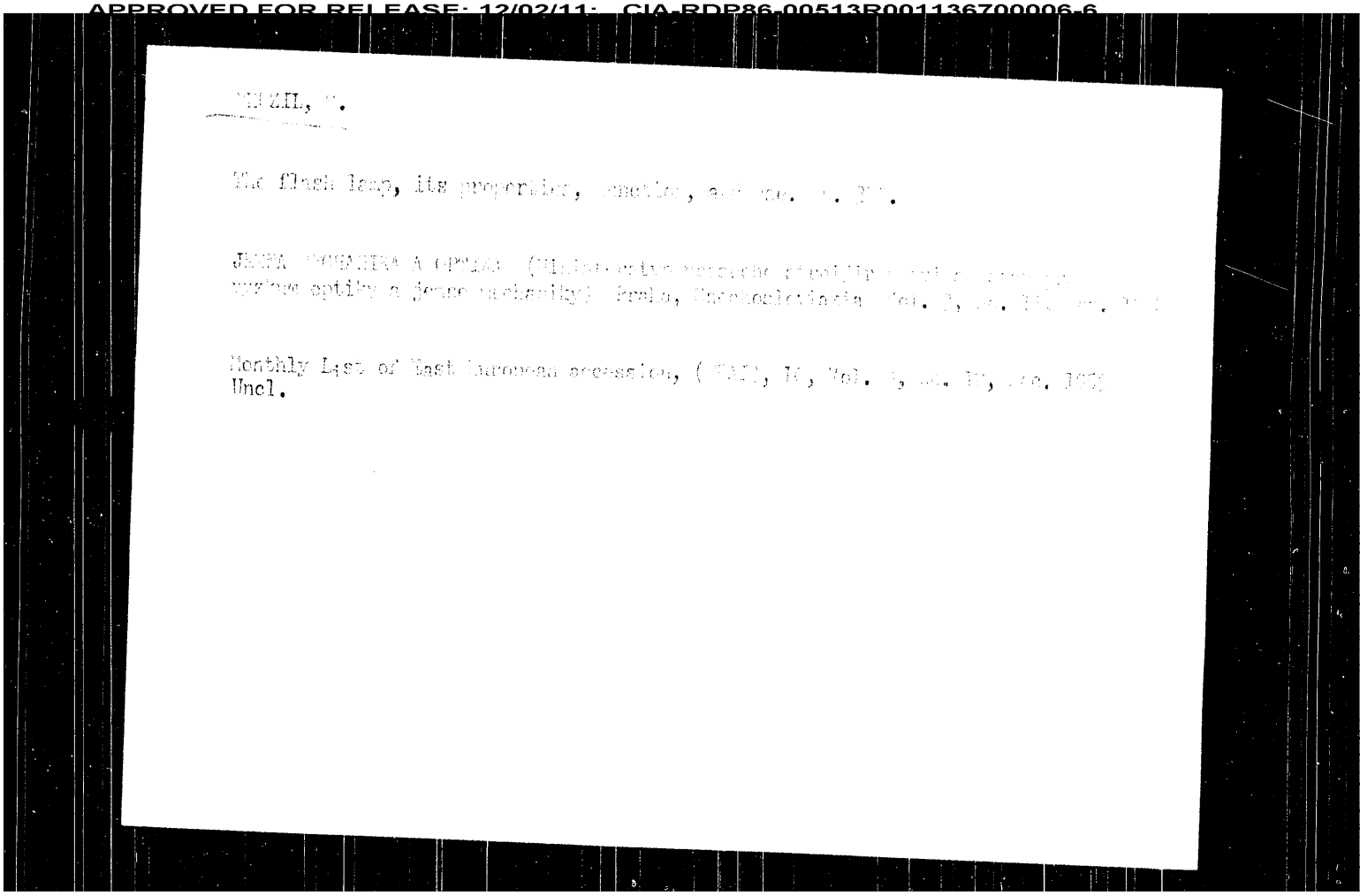

"[illegible]ZH, [illegible].

The flash lamp, its properties, [illegible], and [illegible].

JESTA [illegible] A [illegible] (Illustrative [illegible] properties and [illegible] review article on [illegible] technology) Praha, Československá [illegible], Vol. [illegible], [illegible].

Monthly List of East European accessions, (EAI), LC, Vol. [illegible], no. [illegible], [illegible] 1962
Uncl.

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Z/037/60/000/005/037/056
E192/E382

The Evacuation Processes in Diffusion Pumps

laboratory facilities and their material help in the construction of the experimental equipment.
There are 5 figures and 13 references: 5 German, 4 English, 3 Soviet and 1 Czech.

ASSOCIATION: Katedra elektroniky a vakuové fysiky, Karlova universita, Praha (Chair of Electronics and Vacuum Physics, Charles University, Prague)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

Z/037/60/000/005/037/056
E192/E382

AUTHORS: Pátý, Libor and Neužil, Milan

TITLE: The Evacuation Processes in Diffusion Pumps

PERIODICAL: Československý časopis pro fysiku, 1960, No. 5, pp. 435 - 442 + 1 plate

TEXT: The evacuation processes in diffusion pumps were investigated experimentally. The system used in the investigation is shown in Fig. 2, where B is the glass envelope of the pump; T is the system of jets; H is a heater; V is an inlet aperture; W is an output aperture, IM is an ionisation vacuum gauge; N is a cold trap; I is a "shallow" probe and A is a deep probe (entering the operating region). First, the tightness of the vacuum system was investigated and then the limiting pressure was measured as a function of the heater power. In all these measurements, the condensable vapours were caught by a trap which was cooled by liquid nitrogen. The lowest limiting pressure of 1.7×10^{-8} mm Hg was achieved at a heater power of 344 W, provided the ionisation gauge was adequately degassed.

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...urther corroborated
(Ref. 13). The authors thank
...vacuum Physics for providing the

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CZECHOSLOVAKIA/Electronics - Vacuum Technique. H

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9306

Author : Neuzil Milan

Inst : Charles University, Prague, Czechoslovakia

Title : Source of Supply for Ionization Manometer with Instrument for the Measurement of the Ion Current

Orig Pub : Slaboproudy obzor., 1959, 20, No 6, 382-384

Abstract : A detailed description of a device that insures stabilization of both the emission current of an ionization manometer, and the supply voltage, and also an instrument for the measurement of the ionization current within the range 1 x 10^{-2} to 1 x 10^{-9} amp, connected in a bridge circuit with two triodes.

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEUZIL, L.; HRDINA, M.

Effect of walls on the expansion of a fluidized bed. Coll Cz Chem 30 no.3:752-768 Mr '65.

1. Department of Chemical Engineering of the Institute of Chemical Technology, Prague. Submitted December 21, 1963.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

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Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Schaal, Ladislav; Stverak, Jiri, (Doctor); Svestka, Zdenek, (Doctor); Tama, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tyml, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Borin, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

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Po-4/Pe-5/Pq-4/Pac-4/Pr-4 IJP(c) ASM/TT/AM/DD/EM/GM/BC/HE 141
B41

Barvir, Miroslav, (Engineer); Penes, Konrad, (Professor, Doctor); Nouska, Jiri, (Doctor); Pudil, Ivo, (Graduate in Philosophy); Ceplecha, Zdenek, (Candidate of Physical and Mathematical Sciences); Codr, Milan, (Doctor); Polecal, Vladimir, (Doctor); Dvorak, Antonin, (Candidate of Medical Sciences); Dvorak, Josef, (Doctor); Guth, Vladimir, (Candidate of Medical Sciences, Docent, Doctor); Horak, Zdenek, (Doctor of Physical and Mathematical Sciences, Corresponding Member of the Czechoslovak Academy of Sciences, Professor, Doctor); Hospodar, Jan, (Doctor of Physical and Mathematical Sciences, Doctor); Kleczek, Josip, (Doctor); Klest, Emil, (Candidate of Physical and Mathematical Sciences); Koledovsky, Milan; Koval, Vladimir (Doctor); Koucky, Miloslav, (Candidate of Legal Sciences); Krivsky, Ladislav, (Candidate of Physical and Mathematical Sciences); Kviz, Zdenek, (Candidate of Physical and Mathematical Sciences); Ledvina, Milan, (Engineer); Malcik, Vladimir, (Doctor); Morovek, Milan, (Candidate of Medical Sciences); Mrazek, Jaroslav, (Candidate of Medical Sciences, Engineer); Mrazek, Jiri, (Candidate of Technical Sciences); Neuzil, Ludek, (Doctor); Novotny, Zdenek, (Candidate of Physical and Mathematical Sciences); Novotny, Zdenek, (Doctor); Pernegr, Jaroslav, (Doctor); Candidate of Physical and Mathematical Sciences); Pesek, Rudolf, Professor, Doctor, Engineer); Pipal, Miloslav, (Doctor of Technical Sciences, Corresponding member, of the Czechoslovak Academy of Sciences); Plavec, Miroslav, (Doctor); Pokorny, Zdenek, (Candidate of Physical and Mathematical Sciences, Docent, Doctor);

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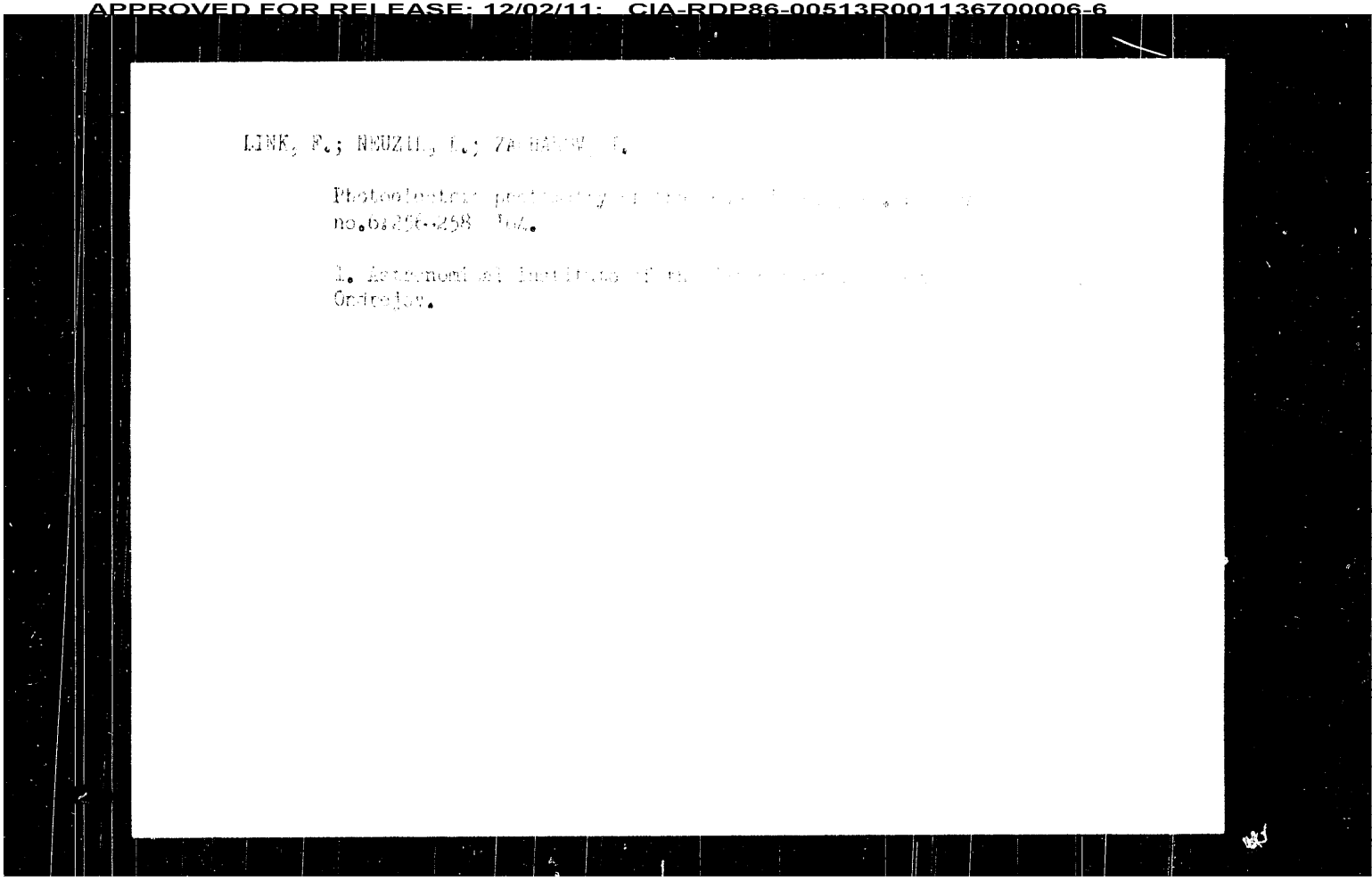

LINK, F.; NEUZIL, L.; ZA[illegible] F.

Photoelectric [illegible]
no.6, 256-258 '64.

1. Astronomical Institute of the [illegible]
Ondrejov.

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NEUZIL, Ludek

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1. Astronomical Institute of the Czechoslovak Academy of Sciences, Observatory in Ondrejov near Prague.

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1. Observatory of the Astronomical Institute, Czechoslovak Academy
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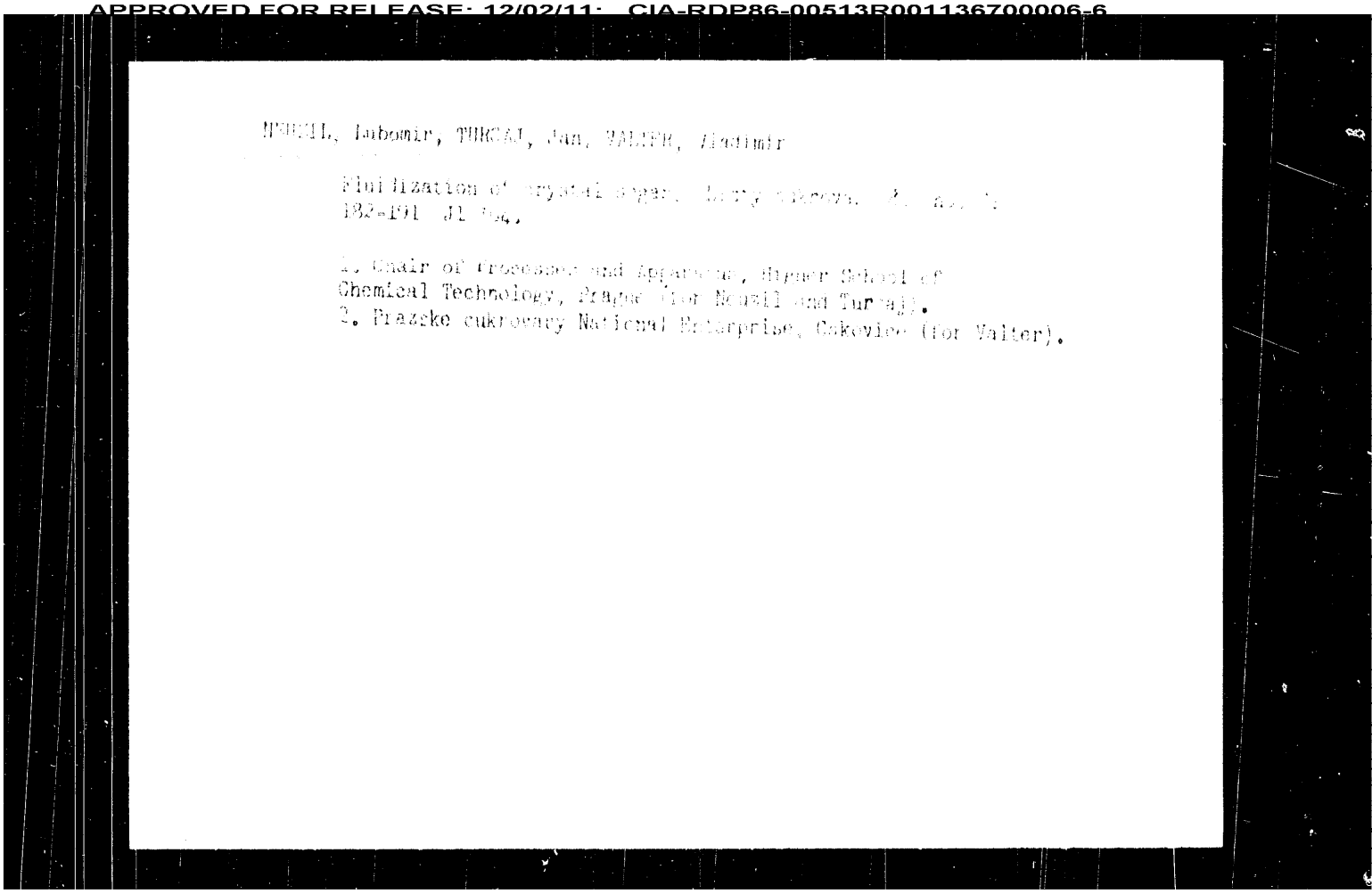

MICHAL, Lubomir, THIRCAL, Jan, VALTER, Vladimir

Fluidization of crystal sugar. Listy cukrov. 87 no. 7:
182-191 Jl '71.

1. Chair of Processes and Apparatus, Higher School of Chemical Technology, Prague (for Michal and Thircal).
2. Prazske cukrovary National Enterprise, Cakovice (for Valter).

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1. Katedra procesu a aparatu, Vysoka skola chemicko-technologicka, Praha (for Neuzil).
2. Prazske cukrovary, n.p., Cakovice (for Valter).

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3

HENA, J.; ILAVSKY, J.; KOSSACZSKY, E.; NEUZIL, L. CSSR

Slovak Technical University, Bratislava, and Institute of Chemical Technology, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 2, 1963, pp 293-309

"Changes in the Flow Character in a Fluidized Bed"

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HRDINA, M.; NEUZIL, L.

Influence of walls on the expansion of whirling. Coll Cz Chem 27 no.7:1694-1697 Jl '62.

1. Institut fur Chemie-Ingenieur-Wesen, Technische Hochshule fur Chemie, Prag.

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1. Institut astronomique de l'Academie Tchecoslovaque des Sciences, Observator, Ondrejov u Prahy.

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700006-6

NEUZIL, Ludek

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Astronomical Institute, Czechoslovak Academy of Sciences (Astronomicky ustav Ceskoslovenske akademie ved), Ondrejov.

Source: Prague, Studia Geophysica et Geodetica, Vol 5, No 4, 1961, pp 352-360.

Data: "Fluctuations of the Diffusion During the Nightfall Observed During the International Geophysical Year and International Geophysical Conference at the Ondrejov and Lomnicky Stit Observatories." [In French]

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PUBLICATIONS. (Ceskoslovenska akademie ved. Astronomicky ustav.) Praha, Czechoslovakia, No. 34/42, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959 uncl.

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9.11-9 551.507.362.1:551.510.536(02)

Link, František and Neužil, Ludčk, Raketové lety a výzkum vysoké atmosféry. [Rocket flight and exploration of the upper atmosphere.] Prague, Československá Akademie Věd, 1957. 235 p. 104 figs. (incl. photos), tables, 18 refs. DLC (TL782.I.5)—As stated in the introduction to this book on the upper atmosphere, the use of rockets greatly facilitates upper atmospheric research but does not replace other methods of exploration. Accordingly, the authors deal with all available methods of investigating the various properties of the upper atmosphere. Upper atmospheric phenomena are discussed on the basis of results reported in international literature and of original work. The methods described include stratosphere flights, acoustical sounding, photometric and other measurement during lunar eclipses (LINK contributed considerably to the development of this method), rocket launchings (based upon work in the U. S.), artificial satellites (based upon Project Vanguard), ionospheric sounding, spectroscopy (including rocket spectroscopy, etc.). The upper atmospheric phenomena discussed include as one, twilight phenomena, night sky luminescence, ionospheric phenomena, auroras, meteors, geomagnetism, structure and composition of the atmosphere, etc. The information is up to date and presented in a clear, nontechnical manner for the benefit of the general public. *Subject Headings:* 1. Rocket exploration of the upper atmosphere 2. Upper atmosphere textbooks.—*G.T.*

August 10, 1959

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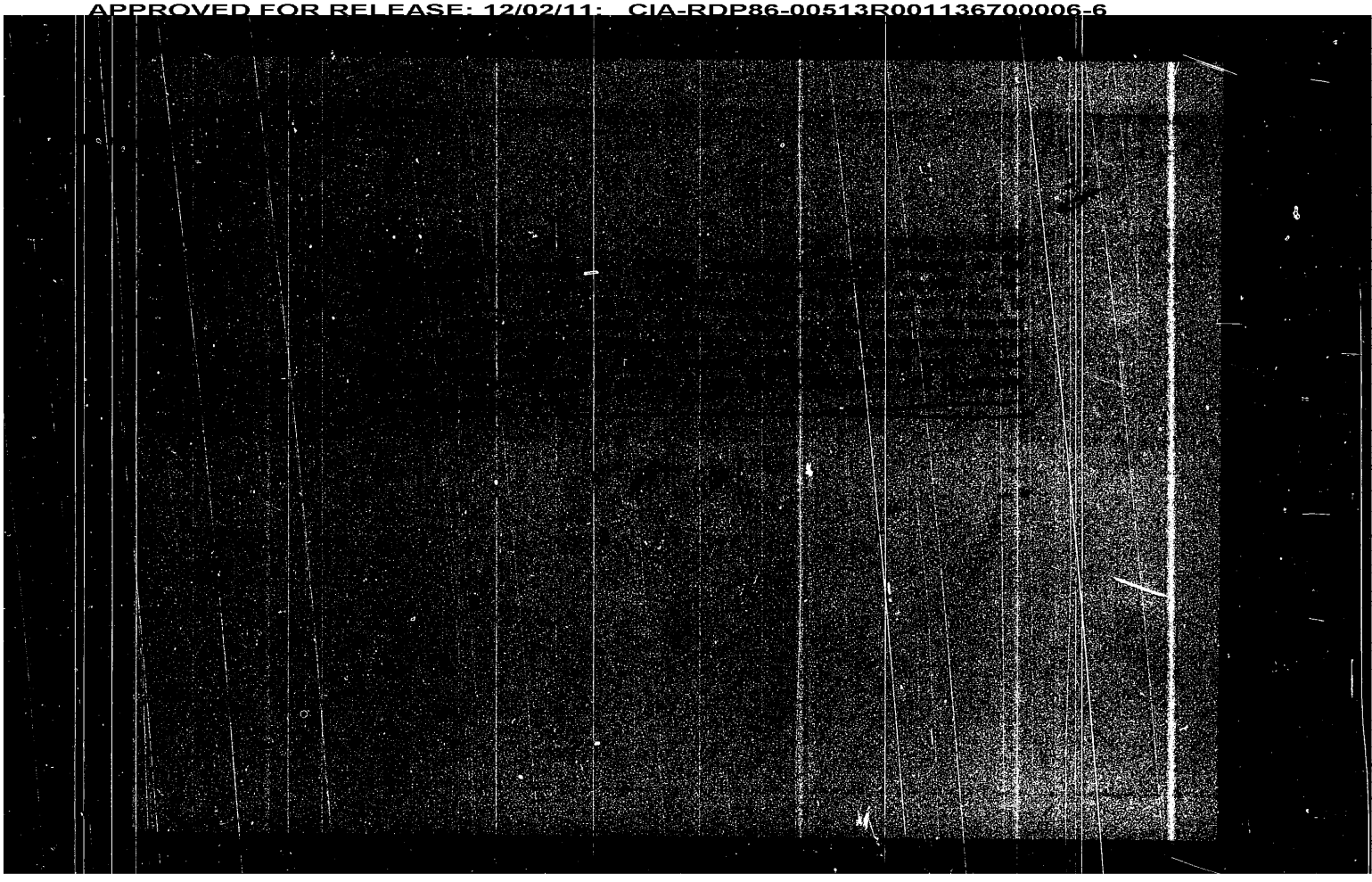

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So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, April 1955,.Uncl..

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[illegible], F.; Lauci, L.

"A Device For The [illegible] ... Czechoslovak Academy of Sciences, Bulletin of the Czechoslovak Institute of Chemical Technology. Vol. 7, No. 4, 1962, Prague.

SO: Monthly List of East European Accessions, Vol. 2, No. 2. Library of Congress, Dec. 1963, Unclas.

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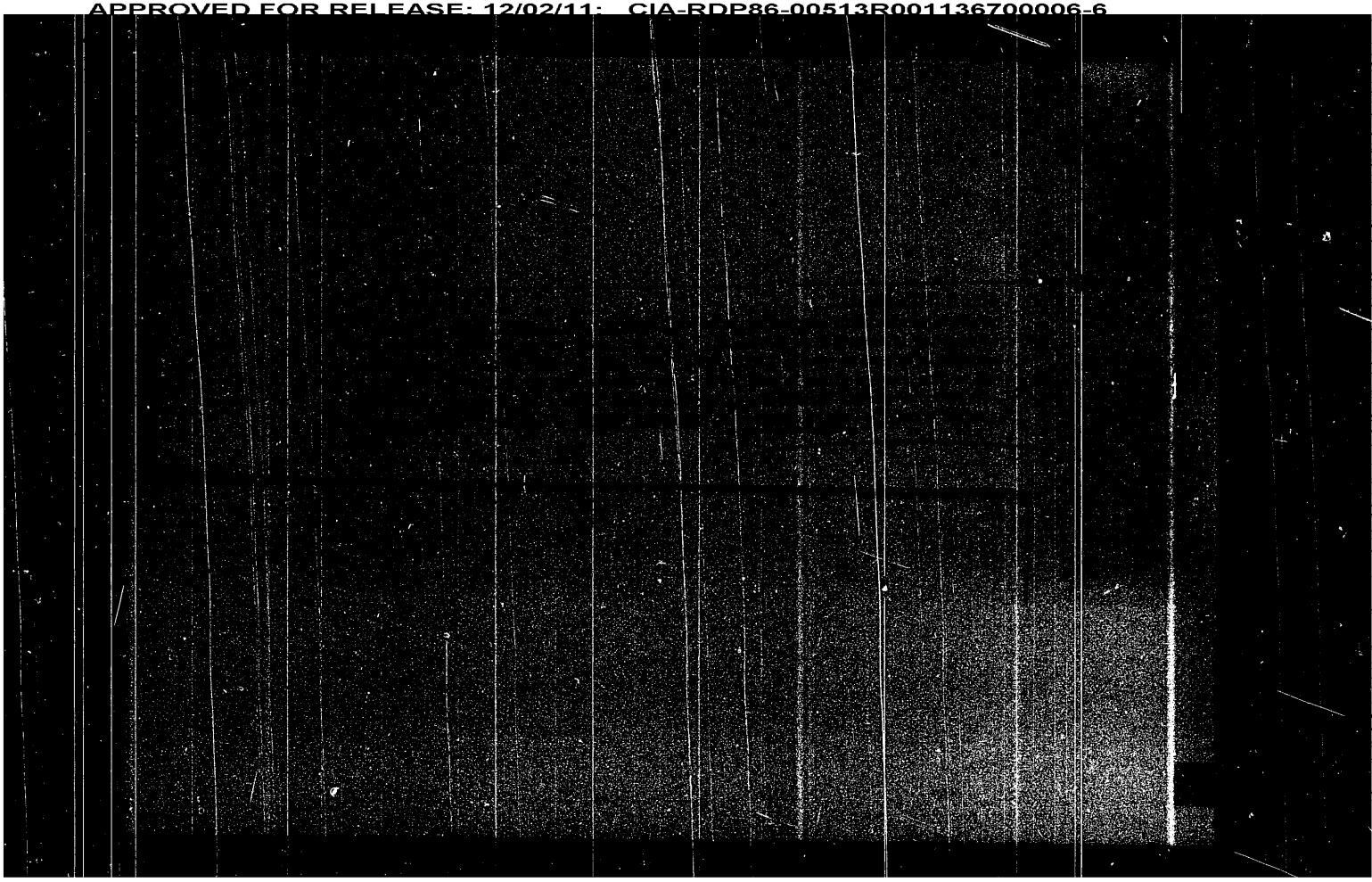

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NEMZIL, J.; NEMZIL, L.

Calculation of the sedimentation course in a centrifugal field. Silikaty 9 no.1:43-58 '65.

1. Chair of Petrography of the Faculty of Natural Sciences of the Charles University, Prague and Chair of Processes and Apparatus of the Higher School of Chemical Technology, Prague. Submitted June 10, 1964.

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Fluidization of polydisperse materials. Pt.1. Coll Cz Chem 29 no. 3:571-578 Mr '64.

1. Department of Chemical Engineering, Higher School of Chemical Technology, Prague.

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1. Higher School of Chemical Technology, Prague.

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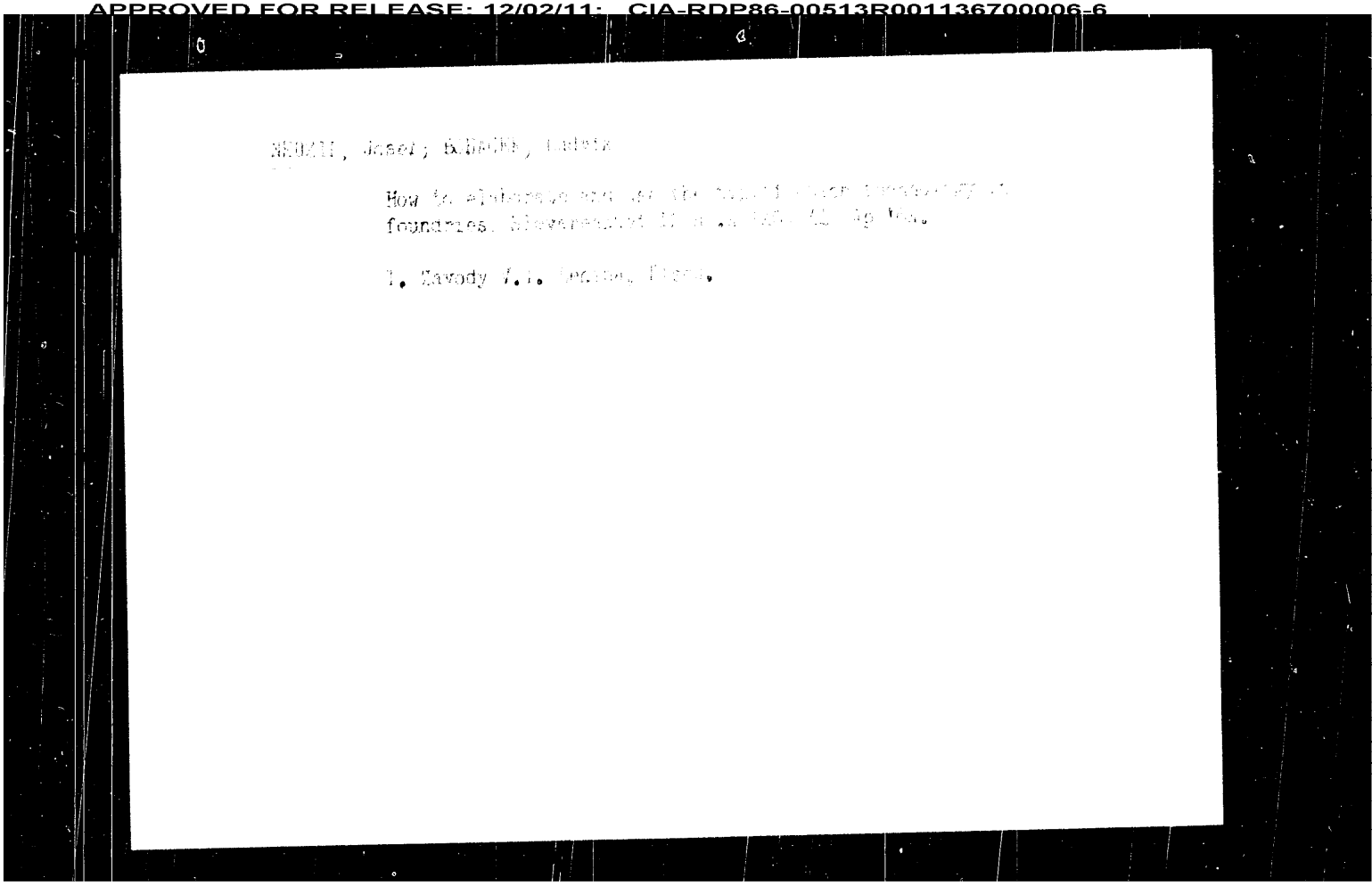

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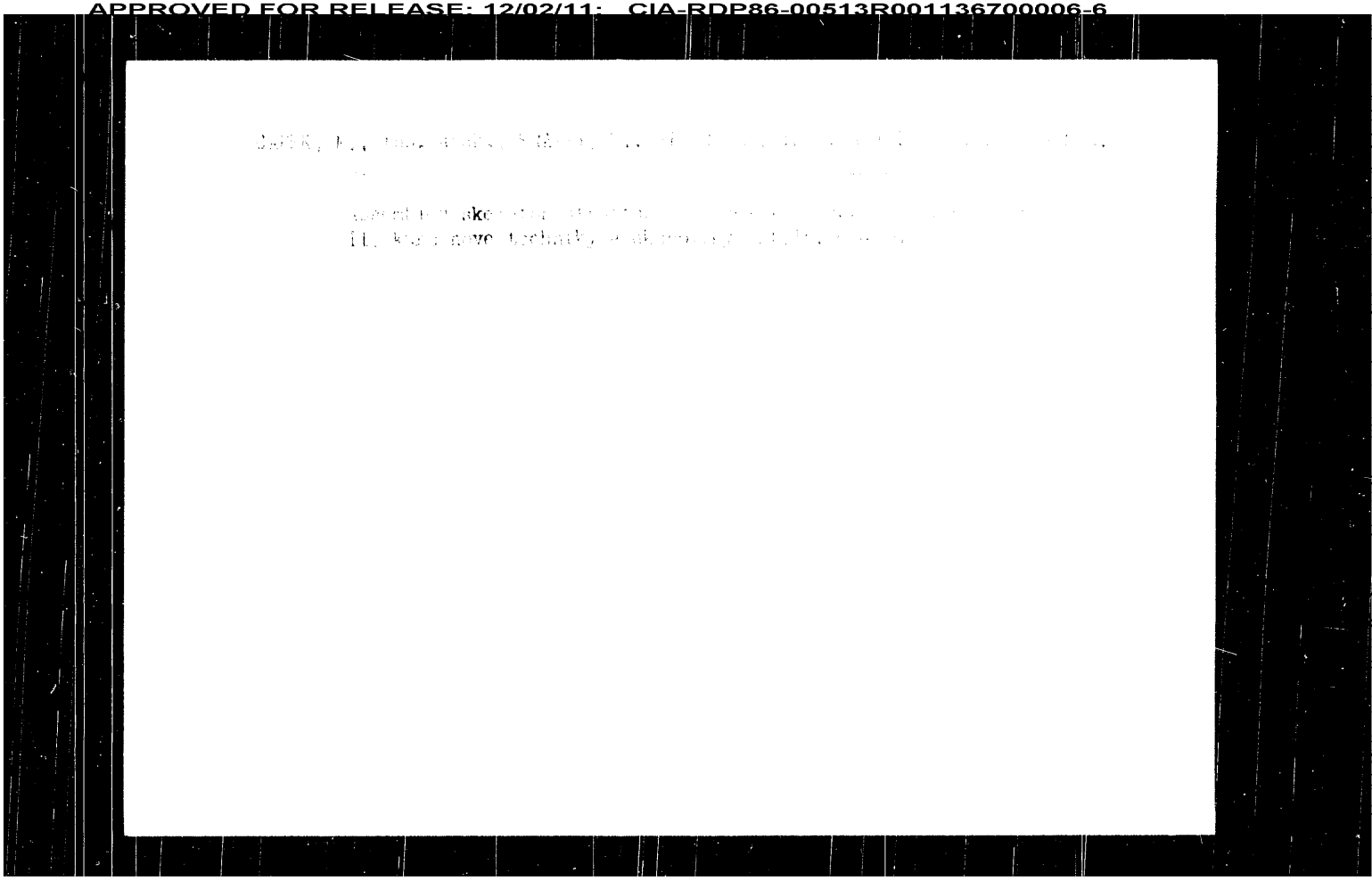

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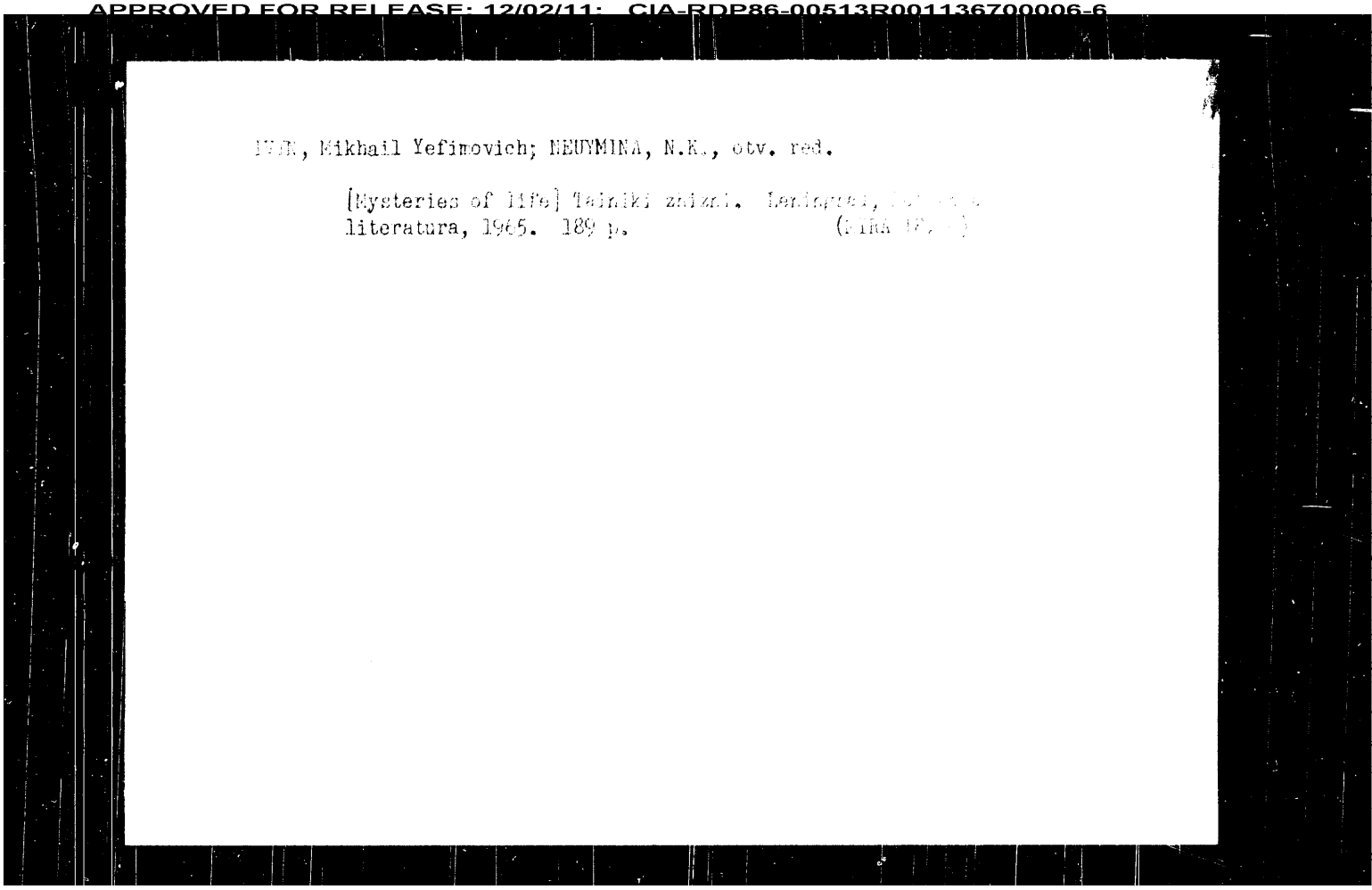

IVIN, Mikhail Yefimovich; NEUYMINA, N.K., otv. red.

[Mysteries of life] Tainiki zhizni. Leningrad, Lenizdat, literatura, 1965. 189 p. (MIRA 17:5)

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VALIYEV, K.G.; MAKURIN, N.D.; VOLOKHOV, S.G.; NEUYMINA, M.M.; SAZONOV, V.V., red.; LEVINA, L.G., tekhn. red.

[Collection of consolidated approximate time norms for the repairing of agricultural equipment] Sbornik ukrupnennykh primernykh normativov vremeni na remont sel'skokhoziaistvennoi tekhniki. Moskva, Izd-vo M-va sel'.khoz. RSFSR. Pt.1. [Tractors, combines and motortrucks] Traktory, kombainy i avtomobili. 1960. 195 p. (MIRA 15:3)

1. Russia (1917- R.S.F.S.R.) Ministerstvo sel'skogo khozyaystva. Upravleniye organizatsii truda i zarabotnoy platy. 2. Otdel tekhnicheskogo normirovaniya Upravleniya organizatsii truda i zarabotnoy platy Ministerstva sel'skogo khozyaystva RSFSR (for Valiyev, Makurin, Volokhov, Neuymina).
(Tractors--Maintenance and repair)
(Motortrucks--Maintenance and repair)
(Combines (Agricultural machinery))--Maintenance and repair)

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GUROVA, T.I.; NEUYMINA, L.D.; SOROKINA, Ye.G.

Characteristics of the distribution of Jurassic reservoir rocks in the West Siberian Plain. Neftegaz. geol. i geof. no.5:3-6 '65. (MIRA 18:7)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

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Buravlev, Y. M., M. A. Perepelkina, G. P. Neuymina, and G. I. Maramygina. Investigation of the effect of structure on the results of spectral analyses of cast iron 62

Bobrov, V. A., Ye. N. Chernoguz, and T. N. Yaroslavova. Application of "fractional exposure" method for spectral analysis of alloy cast irons and aluminum alloys 66

Matyugina, I. V. Spectral analysis of silicon brasses by the calculated graph method 67

Obukhova, Ye. S., and N. K. Rudnevskiy. Application of electrotransfer in plotting calibration graphs according to a single standard in the spectral analysis of alloys 68

Taganov, K. I. Spectroscopic investigation of features of contact-electrospark erosion of metals and alloys 70

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Materials of the Third Ural Conference (Cont.) SOV/6181

COVERAGE: The collection presents theoretical and practical problems of the application of atomic and molecular spectral analysis in controlling the chemical composition of various materials in ferrous and nonferrous metallurgy, geology, chemical industry, and medicine. The authors express their thanks to G. V. Chentsova for help in preparing the materials for the press. References follow the individual articles.

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PART I

Sherstkov, Yu. A., and L. F. Maksimovskiy. Investigation of the dependence of the total intensity of spectral lines on the concentration of elements in an arc-discharge plasma 4

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NEUYMINA, G. P.

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PHASE I BOOK EXPLOITATION SOV/6181

Ural'skoye soveshchaniye po spektroskopii. 3d, Sverdlovsk, 1960.
Materialy (Materials of the Third Ural Conference on Spectroscopy) Sverdlovsk, Metallurgizdat, 1962. 197 p. Errata slip inserted. 3000 copies printed.

Sponsoring Agencies: Institut fiziki metallov Akademii nauk SSSR. Komissiya po spektroskopii; and Ural'skiy dom tekhniki VSNTO.

Eds. (Title page): G. P. Skornyakov, A. B. Shayevich, and S. G. Bogomolov; Ed.: Gennadiy Pavlovich Skornyakov; Ed. of Publishing House: M. L. Kryzhova; Tech. Ed.: N. T. Mal'kova.

PURPOSE: The book, a collection of articles, is intended for staff members of spectral analysis laboratories in industry and scientific research organizations, as well as for students of related disciplines and for technologists utilizing analytical results.

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SOV/81-59-16-56814

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, pp 115-116 (USSR)

AUTHORS: Buravlev, Yu.M., Neuymina, G.P., Ustinova, V.I.

TITLE: The Investigation of the Effect of Alloy Structure on the Results of Spectral Analysis of Chromium-Silicon-Manganese Steels

PERIODICAL: V. sb.: Materialy 1-go Ural'skogo soveshchaniya po spektroskopii, 1956. Sverdlovsk, Metallurgizdat, 1958, pp 16-27

ABSTRACT: The investigation was carried out in connection with the issue by the Ural Institute of sets XXI and XXII of standards for medium-alloyed chromium-manganese and silicon-chromium steels. The bars were burnt at 800°C, cut into two parts and one part was tempered in water after heating to 810 - 860°C. After metallographic investigation the spectra were photographed which were obtained by excitation in a high-voltage condensated spark from the IG-2 generator operating with a complex circuit (capacity 0.01 μfarad, self-induction 0.05 millihenry), and in an a-c arc at 3 a with an upper carbon electrode at an arc gap of 0.6 mm. Systematic discrepancies between the values of ΔS for tempered and burnt samples do not exceed the triple root-mean-square error reaching $3\sigma \approx 2.5\%$ at spark treatment of 60 sec or burning of 5 sec; in the analysis without spark treatment and

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SHTUTMAN, M.N.; AVDEYENKO, V.P.; NEUYMIN, Yu.A.; KAS'YANOVA, L.V.; IGNATOVA, M.V.; PEDENKO, V.A.; BUVALITS, A.I.

Precision and reliability of a DFS-10 quantometer at a metallurgical plant. Zav. lab. 31 no.2:247-249 '65. (MIRA 18:7)

1. Magnitogorskiy metallurgicheskiy kombinat.

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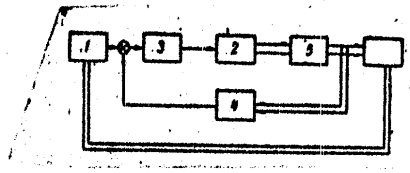

Fig. 1. 1 - Tachometer-generator;
2 - electric motor;
3 - amplifier;
4 - synchro;
5 - movable rod of the fuel pump.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 14Mar64

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